

Converting Colors

$Y_{xy}(30.2959, 0.3409, 0.3472)$

Have a look what the booklet for
Yxy(30.2959, 0.3409, 0.3472)
contains.

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Color

Yxy(30.2981, 0.3406, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	A29387
RGB	162, 147, 135
RGB Percent	64%, 58%, 53%
CMY	0.3648, 0.4235, 0.4705
CMYK	0.00, 0.09, 0.17, 0.36
HSL	27°, 13%, 58%
HSV	27°, 17%, 64%
XYZ	29.7050, 30.2981, 27.2107
YIQ	150.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

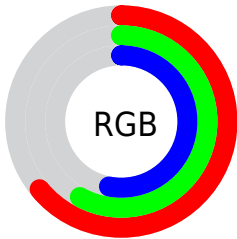
Format	Color
RYB	162, 157, 135
Decimal	10654599
CIELab	61.91, 3.49, 8.35
CIElCh	62, 9.052, 67.312
Yxy	30.2981, 0.3406, 0.3474
Android (android.graphics.Color)	4288844679 (0xFFA29387)
YUV	150.1170, -7.4527, 10.4214
Hunter-Lab	55.0437, 0.0033, 9.2207

Details

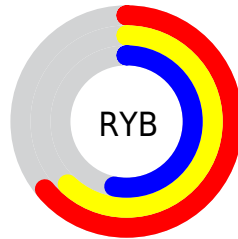
The Yxy color **30.2981, 0.3406, 0.3474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5696, 0.2873, 0.3099**, and the grayscale version is **30.5798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1558, 0.3351, 0.3441**, and **12.3366, 0.3509, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **27.1883, 0.3607, 0.3592**, and if you desaturate by 10%, it is **33.6988, 0.3231, 0.3361**.

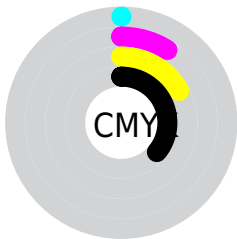
Distribution



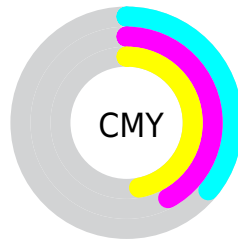
- Red (64%)
- Green (58%)
- Blue (53%)



- Red (64%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (36%)





- Cyan (36%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2981, 0.3406, 0.3474 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.2981, 0.3406, 0.3474 by changing the saturation by 10% instead.


 30.2981, 0.3406,
0.3474


 30.2981, 0.3406,
0.3474


303.2915, 0.3256,
0.3377

 20.0650, 0.3447,
0.3500


 60.1333, 0.3349,
0.3437

 12.4423, 0.3503,
0.3535


 80.5041, 0.3328,
0.3424

 7.0456, 0.3582,
0.3584


 105.0230, 0.3311,
0.3413

 3.4907, 0.3702,
0.3656

134.0743, 0.3297,
0.3403

 1.3929, 0.3912,
0.3778

168.0424, 0.3284,
0.3395

 0.2115, 0.5751,
0.4249

207.3117, 0.3274,

 0.0000, 0.0000,

0.3388

0.0000

252.2666, 0.3264,
0.3382

■ 30.2981, 0.3406,
0.3474

■ 30.2981, 0.3406,
0.3474

■ 27.1883, 0.3607,
0.3592

■ 33.6988, 0.3231,
0.3361

■ 24.3571, 0.3836,
0.3711

■ 37.3940, 0.3079,
0.3255

■ 21.7975, 0.4091,
0.3825

■ 41.3926, 0.2947,
0.3157

■ 19.5005, 0.4370,
0.3928

■ 45.7016, 0.2833,
0.3066

■ 17.4563, 0.4664,
0.4007

■ 50.3279, 0.2735,
0.2983

■ 15.6548, 0.4958,
0.4051

■ 55.2783, 0.2649,
0.2907

■ 14.0844, 0.5234,
0.4048

■ 60.5590, 0.2574,
0.2837

■ 12.7311, 0.5474,
0.3995

■ 65.5424, 0.2556,
0.2875

■ 12.3191, 0.5553,
0.3973

■ 70.3618, 0.2571,
0.2981

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.2981, 0.3406, 0.3363



30.2981, 0.3406, 0.3474



30.2981, 0.3329, 0.3539

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.2981, 0.3406, 0.3474



30.2981, 0.2927, 0.3341



30.2981, 0.3050, 0.3057

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.2981, 0.3406, 0.3474



29.5696, 0.2873, 0.3099

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.2981, 0.2926, 0.3047



30.2981, 0.3406, 0.3474



30.2981, 0.2856, 0.3207

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.2981, 0.3406, 0.3474



30.2981, 0.3052, 0.3463



30.2981, 0.2855, 0.3100



30.2981, 0.3198, 0.3126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.2981, 0.3406, 0.3474



30.2981, 0.3247, 0.3546



30.2981, 0.2855, 0.3100



30.2981, 0.3004, 0.3046

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.2995, 0.3406, 0.3474



62.1992, 0.3206, 0.3344



27.2241, 0.3268, 0.3058



13.8719, 0.3216, 0.3352



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2995, 0.3406, 0.3474



52.8505, 0.3478, 0.3518



34.6339, 0.3375, 0.3667



7.5803, 0.3274, 0.3390



9.7914, 0.5538, 0.3985



0.2995, 0.4948, 0.4453

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.5696, 0.2873, 0.3099



51.2685, 0.2815, 0.3051



25.5995, 0.2864, 0.2883



7.4815, 0.2987, 0.3188



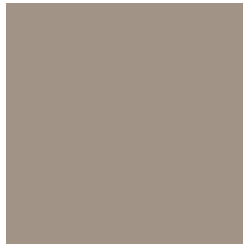
7.8965, 0.1832, 0.1795



0.2583, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 30.2981, 0.3406, 0.3474 looks on a white background.

Color Contrast Check

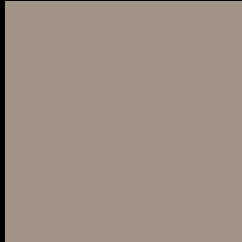
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.2981, 0.3406, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

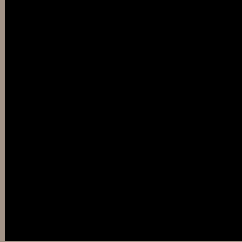
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

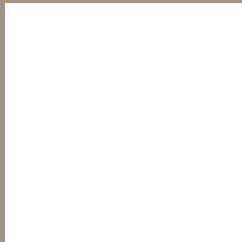
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2981, 0.3406, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 30.2981, 0.3406, 0.3474.



This preview shows how white text looks on a background with the Yxy color 30.2981, 0.3406, 0.3474.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.2981, 0.3406, 0.3474

Protanopia

30.2410, 0.3316, 0.3493

Deuteranopia

30.1591, 0.3481, 0.3411



Tritanopia

30.3124, 0.3240, 0.3127

Trichromacy



Original Color

30.2981, 0.3406, 0.3474

Protanomaly

30.2265, 0.3351, 0.3476

Deuteranomaly

30.1354, 0.3445, 0.3427

Tritanomaly

30.2814, 0.3299, 0.3246

Monochromacy



Original Color

30.2981, 0.3406, 0.3474

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.4093, 0.3217, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2981, 0.3406, 0.3474 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 135)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.2981, 0.3406, 0.3474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 147, 135) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(162, 147, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(162, 147, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2981, 0.3406, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
147, 135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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